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TITLE: Access network handover in communication system, has logical interface which assigns IP address corresponding to communication, based on change of access between physical interfaces

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PATENT-FAMILY:

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ABSTRACTED-PUB-NO: AU 200135071A

BASIC-ABSTRACT:

NOVELTY - A mobile IP layer supports an IP functionality which establishes a communication between a mobile node and the physical interface layers of respective access network to be switched-over. A logic interface interposed between the IP and physical interface layers, assigns an IP address corresponding to the communication, based on the change of access between the

physical interfaces (IF1, IF2).

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for method of assigning an IP address in a communication system.

USE - Access network handover from mobile UMTS network to WLAN or vice-versa, also for networks such as GSM, Bluetooth, LAN, internet, etc., in telecommunication network.

ADVANTAGE - Enables load sharing between different interfaces and seamless soft handover between the physical interfaces, as data packet loss is prevented by including IP address.

DESCRIPTION OF DRAWING(S) - The figure shows an access network handover in communication system.

Interfaces IF1, IF2

CHOSEN-DRAWING: Dwg.2/2

DERWENT-CLASS: W01 W02

EPI-CODES: W01-B05A1A; W02-C03C1A; W02-C03C1D;

